

WHAT IS CLAIMED IS:

1. An anti-squeal shim structure comprising: a metal plate, a rubber layer provided at least on one side of the metal plate, wherein an aluminum alloy plate is used for said metal plate.

2. A disc brake apparatus comprising: an aluminum caliper, a disc brake portion mounted in the interior thereof, a anti-squeal shim structure, wherein said anti-squeal shim structure comprises a metal plate, a rubber layer provided at least on one side of the metal plate, an aluminum alloy plate is used for said metal plate.